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TECHNICAL DATA

STRUKTOL® Zimag 29/43A

CROSS-LINKING AGENT FOR CHLOROPRENE COMPOUNDS

COMPOSITION

Free-flowing granulate consisting of: 29% zinc oxide, 43% magnesium oxide and 28% wetting and dispersing agent.

PROPERTIES	TYPICAL VALUES
Appearance	Gray powder
Specific Gravity	2.11
Bulk Density (kg/m ³)	800
Ash Content (%)	70
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	55 lb. bag in a box

RECOMMENDATIONS FOR APPLICATION

STRUKTOL® Zimag 29/43A contains zinc oxide and magnesium oxide in the ratio 2:3. This blend has proven to be optimum for fast cross-linking with increased processing safety.

STRUKTOL® Zimag 29/43A can be incorporated into chloroprene rubber on the open mill or in the internal mixer at the beginning of the mixing process. The dispersing agent prevents the oxides from sticking to the rolls or the rotors thus eliminating local over-curing or staining in the vulcanizate. The improved dispersion of the oxides achieved by the dispersing agent is particularly valuable for soft chloroprene rubber compounds.

DOSAGE

4 - 8 phr, depending on the required cross-linking density.

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